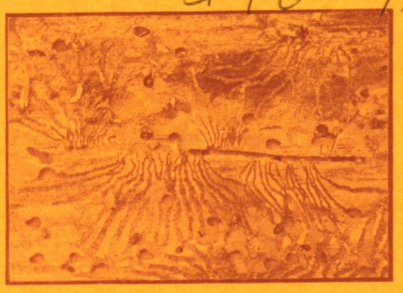
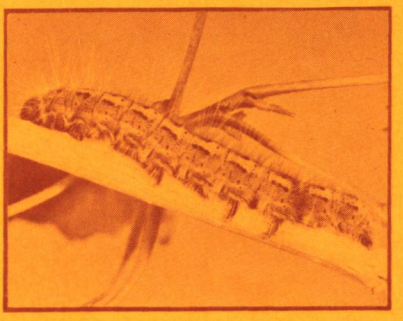
SB761
.M87
1971

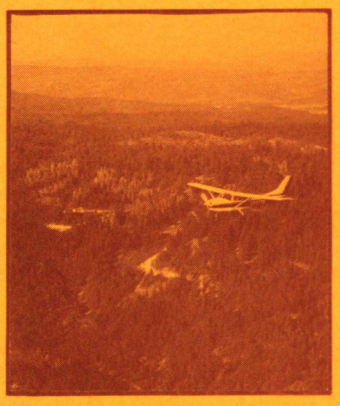
I90 4109

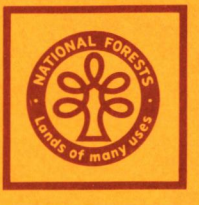
REGION FOUR





A list of Seed and Cone Insects Collected from Native Conifers in the Intermountain Region.





Branch of Forest Insect and Disease Prevention and Control

Division of Timber Management

Region Four Forest Service

U.S. Department of Agriculture

Ogden, Utah 84401

May 20, 1971

A list of Seed and Cone Insects Collected from Native Conifers in the Intermountain Region.

by

Maxine W. Minnoch & Douglas L. Parker

Property of
National FS Library
USDA Forest Service
240 W Prospect Rd
Fort Collins CO 80526

WHITE FIR (*Abies concolor* (Gord. and Glend.) Lindl.)

Species	State Collected	Taxonomic Specialist
Diptera		
Anthomyiidae		
Hylemya abietis Huckett	Utah	G. Steyskal
Cecidomyiidae		
Dasyneura sp., sensu lato	Utah	R.J. Gagne
Hymenoptera		
Pteromalidae		
Mesopolobus sp.	Utah	B.D. Burks
Torymidae		
Megastigmus pinus Parfitt	Calif. Utah	B.D. Burks
Megastigmus rafni Hoffmeyer	Calif. Utah	B.D. Burks

SUBALPINE FIR (*Abies lasiocarpa* (Hook.) Nutt.)

Species	State Collected	Taxonomic Specialist
Diptera		
Anthomyiidae		
Hylemya abietis Huckett	Utah	G. Steyskal
Cecidomyiidae		
Dasyneura sp., sensu lato	Utah	R.J. Gagne
Hymenoptera		
Braconidae		
Agathis sp.	Utah	R.J. Gagne
Torymidae		
Megastigmus lasiocarpae Crosby	Utah	B.D. Burks

ENGELMANN SPRUCE (*Picea engelmannii* Parry)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Lathridiidae		
Corticaria sp.	Idaho	J.M. Kingsolver
Lepidoptera		
Olethreutidae		
Laspeyresia youngana Kearfott	Idaho	D.M. Weisman
Pyralidae (Phycitidae)		
Dioryctria abietella (Denis & Schiffermuller)	Idaho	D.M. Weisman
Dioryctria sp.	Idaho	D.M. Weisman
Hymenoptera		
Braconidae		
Bracon rhyacioniae Muesebeck	Idaho	P.M. Marsh
Bracon sp.	Idaho	P.M. Marsh
Eulophidae		
Hyssopus evetriae (Girault)	Idaho	B.D. Burks
Hyssopus sp.	Idaho	B.D. Burks
Ichneumonidae		
Campoplex conocola Rohwer	Idaho	R.W. Carlson
Torymidae		
Torymus sp.	Idaho	B.D. Burks

PINYON PINE (*Pinus edulis* Engelm.)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Lathridiidae		
Corticaria sp.	Nevada	L.M. Walkley
Scolytidae		
Conophthorus edulis Hopkins	Utah	D.M. Anderson
Lepidoptera		
Olethreutidae		
Eucosma bobana Kearfott	Utah	D.R. Davis
Diptera		
Cecidomyiidae		
Asynapta keeni (Foote)	Utah	R.J. Gagne
Hymenoptera		
Braconidae		
Bracon sp.	Utah	P.M. Marsh
Encyrtidae		
Pentalitomastix sp.	Utah	B.D. Burks
Ichneumonidae		
Exochus turgidus Holmgren	Utah	R.W. Carlson
Pteromalidae		
Acerocephala atroviolacea (Crawford)	Utah	B.D. Burks
Rhopalicus pulchripennis (Crawford)	Utah	B.D. Burks

LIMBER PINE (*Pinus flexilis* James)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Scolytidae		
Conophthorus flexilis Hopkins	Idaho	S.L. Wood
Lepidoptera		
Olethreutidae		
Eucosma sp. prob. *bobana* Kearfott	Utah	D.R. Davis
Pyralidae (Phycitidae)		
Dioryctria abietella (Denis & Schiffermuller)	Utah	W.D. Duckworth
Dioryctria reniculella (Grote)	Utah	W.D. Duckworth
Hymenoptera		
Braconidae		
Apanteles sp.	Idaho	P.M. Marsh
Apanteles starki Mason	Utah	C.F.W. Muesebeck
Ichneumonidae		
Campoplex sp.	Idaho	R.W. Carlson

SINGLELEAF PINYON (*Pinus monophylla* T. & F.)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Scolytidae		
Conophthorus monophyllae Hopkins	Nevada	D.M. Anderson
Lepidoptera		
Olethreutidae		
Eucosma bobana Kearfott	Nevada	D.R. Davis
Pyralidae (Phycitidae)		
Dioryctria sp.	Nevada	W.D. Duckworth
Hymenoptera		
Braconidae		
Apanteles starki Mason	Nevada	P.M. Marsh
Chelonus (Microchelonus) sp.	Nevada	P.M. Marsh
Ceraphronidae		
Ceraphron sp.	Nevada	P.M. Marsh
Ichneumonidae		
Exeristes comstocki (Cresson)	Nevada	R.W. Carlson
Pteromalidae		
Acerocephala atroviolacea Crawford	Nevada	B.D. Burks
Dinotiscus sp.	Nevada	B.D. Burks

PONDEROSA PINE (*Pinus ponderosa* Laws.)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Lathridiidae		
Corticaria sp.	Idaho	J.M. Kingsolver
Scolytidae		
Conophthorus ponderosae Hopkins	Utah	D.M. Anderson
Lepidoptera		
Olethreutidae		
prob. *Hedulia injectiva* Heinrich	Idaho	D.M. Weisman
Laspeyresia miscitata Heinrich	Idaho	D.R. Davis
Laspeyresia piperana Kearfott	Idaho	D.R. Davis
Diptera		
Cecidomyiidae		
Cecidomyia sp., new sp.	Idaho	R.J. Gagne
Cinara sp.	Idaho	R.J. Gagne
Lestodiplosis taxiconis Foote	Idaho	R.J. Gagne
Profeltiella sp. sensu lato, new sp.	Idaho	R.J. Gagne
Thomasiniana sp.	Idaho	R.J. Gagne
Chamaemyiidae		
Leucopis sp.	Idaho	G. Steyskal
Lonchaeidae		
Lonchaea sp.	Idaho	G. Steyskal
Hymenoptera		
Braconidae		
Apanteles aristoteliae (Viereck)	Idaho	P.M. Marsh
Bracon rhyacioniae (Muesebeck)	Idaho	P.M. Marsh
Chelonus (Microchelonus) sp.	Idaho	P.M. Marsh
Pauesia sp.	Idaho	P.M. Marsh
Encyrtidae		
Cheiloneurus sp.	Idaho	B.D. Burks
Eulophidae		
Hyssopus novus Girault	Idaho	B.D. Burks
Figitidae		
Melanips sp.	Idaho	B.D. Burks
Ichneumonidae		
Exeristes comstockii (Cresson)	Idaho	R.W. Carlson

DOUGLAS-FIR (*Pseudotsuga menziesii* (Mirb.) Franco var. *menziesii*)

Species	State Collected	Taxonomic Specialist
Coleoptera		
Lathridiidae		
Corticaria sp.	Idaho	J.M. Kingsolver
Lepidoptera		
Olethreutidae		
Barbara colfaxiana Kearfott	Idaho	D.M. Weisman
Phaloniidae		
Henricus fuscodorsana (Kearfott)	Idaho	D.R. Davis
Pyralidae (Phycitidae)		
Dioryctria abietella (Denis & Schiffermuller)	Idaho	D.M. Weisman
Dioryctria sp.	Idaho	D.M. Weisman
Diptera		
Cecidomyiidae		
Asynapta keeni (Foote)	Idaho	R.J. Gagne
Contarinia washingtonensis Johnson	Idaho	R.J. Gagne
Hymenoptera		
Eulophidae		
Tetrastichus strobilus Burks	Idaho	B.D. Burks
Ichneumonidae		
Exeristes comstockii (Cresson)	Idaho	R.W. Carlson
Glypta evetriae Cushman	Idaho	R.W. Carlson